# U.S. Industry Report

Information Technology and Analytical Instruments Cluster

The Information Technology and Analytical Instruments cluster represents subclusters such as Electronic Components, Computers and Peripherals, and Software Publishers. This cluster includes a variety of industries ranging from Semiconductor Machinery Manufacturing (NAICS 333295) to Electromedical and Electrotherapeutic Apparatus Manufacturing (NAICS 334510). As of 2016, there are **21,040 establishments** across the United States that employ **1,148,065 professionals**, earning an **average annual wage of $114,685**. The following three states offer high employment specialization *and* share.

WASHINGTON	MASSACHUSETTS	CALIFORNIA
Location Quotient	Location Quotient	Location Quotient
3.2	2.3	2.0
Establishments	Establishments	Establishments
711	1,064	4,632
Employment	Employment	Employment
82,339	67,654	272,112

Top States by Specialization & Share

■ High Employment Specialization and Share   ■ High Employment Specialization   ☐ High Employment Share
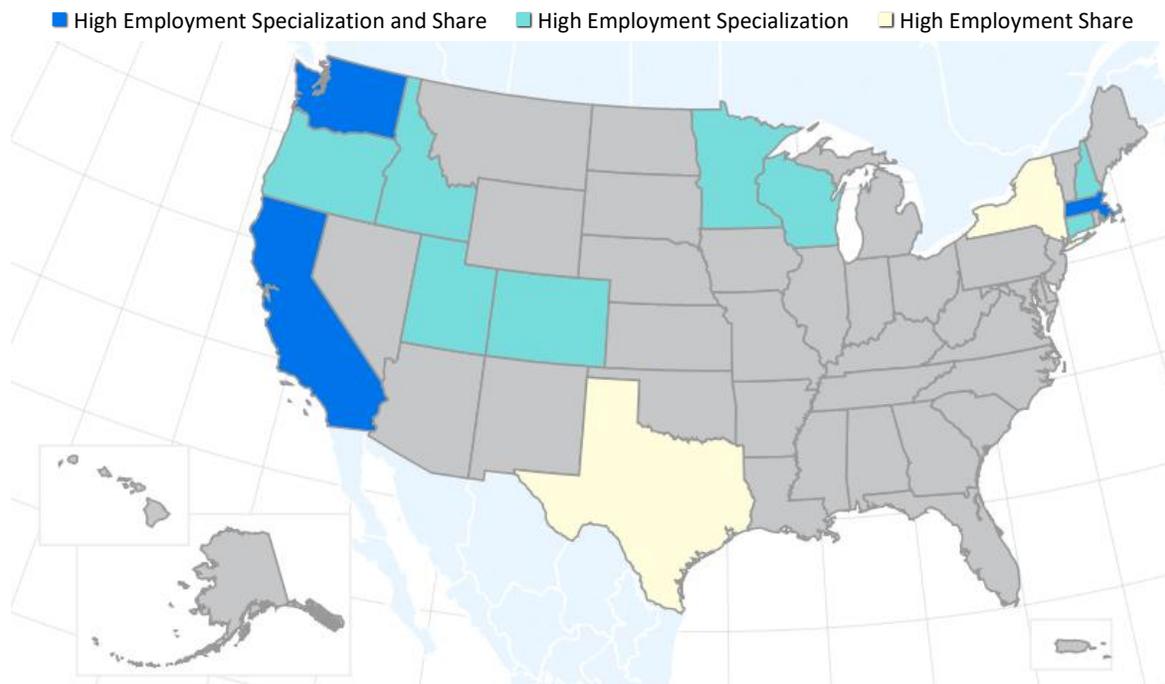
Source: U.S. Cluster Mapping Project

2016 Average Annual Cluster Wages

WA	$194,015
CA	$145,796
MA	$117,536
USA	$114,685
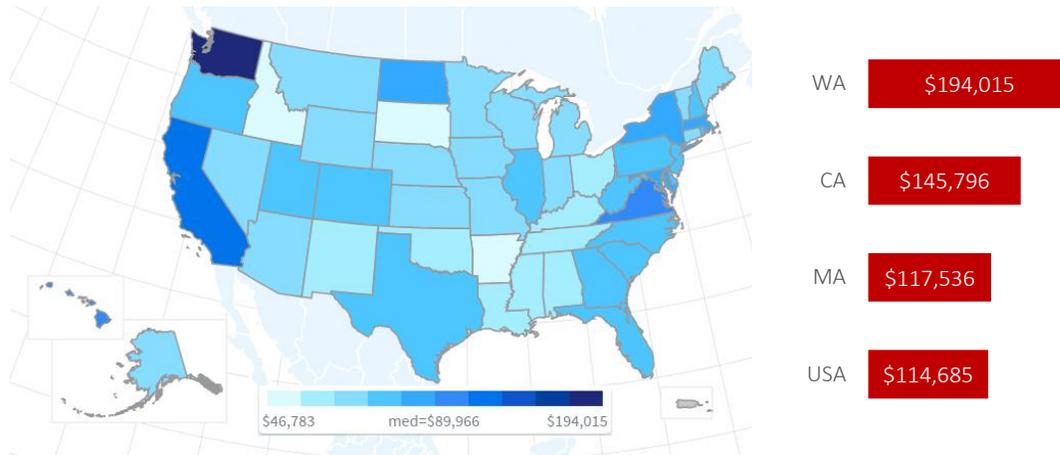
Source: U.S. Cluster Mapping Project

Energy Costs (March 2019)

Legend: All Sectors, Industrial, Commercial

¢ per Kilowatthour

Source: Energy Information Administration, Electric Power Monthly

Unemployment Rates (April 2019)

Massachusetts	2.9%
U.S. Total	3.6%
California	4.3%
Washington	4.7%
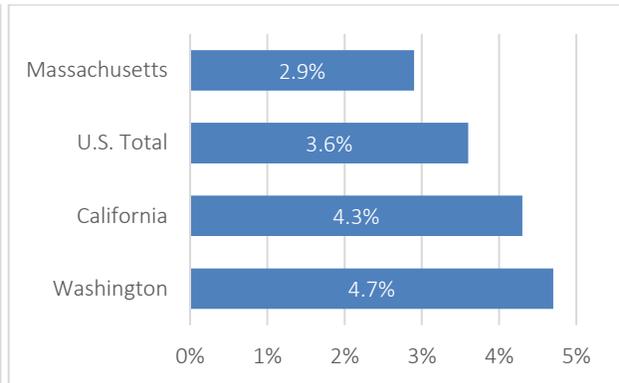
Source: Bureau of Labor Statistics

State Cluster Trends (2011-2016)

Highest % ↑ in Employment	HAWAII 13%	RHODE ISLAND 12%	GEORGIA 11%	ARKANSAS 10%	LOUISIANA 9%
2016 Employment	260	4,118	25,986	3,860	1,871

Most New Establishments	CALIFORNIA +675	TEXAS +153	FLORIDA +149	NEW YORK +146	WASHINGTON +117
2016 Establishments	4,632	1,365	1,007	1,143	711

Highest ↑ in Location Quotient	RHODE ISLAND +0.43	VERMONT +0.30	GEORGIA +0.23	WISCONSIN +0.21	CALIFORNIA +0.16
2016 LQ	1.12	2.58	0.72	1.56	1.97

Source: U.S. Cluster Mapping Project

Definitions

Cluster – A cluster is a regional concentration of related industries that arise out of the various types of linkages or externalities that span across industries in a particular location.

Establishment – An establishment is a single physical location at which business is conducted or services or industrial operations are performed. It is not necessarily identical with a company or enterprise, which may consist of one or more establishments. When two or more activities are carried on at a single location under a single ownership, all activities generally are grouped together as a single establishment

Location Quotient – A location quotient greater than 1 indicates a higher than average cluster concentration in a location.

NAICS – The North American Industry Classification System is the standard used by Federal statistical agencies in classifying business establishments for the purpose of collecting, analyzing, and publishing statistical data related to the U.S. business economy.

High Employment Share – States with high employment *share* rank among the top 10 percent of states with employment information by number of employees in an industry.

High Employment Specialization – States with high employment *specialization* have a location quotient ranking among the top 25 percent of states with employment information for an industry.

U.S. States and Territories

Contact SelectUSA for more information.